



**ENGINEERING OPERATIONS COMMITTEE
MEETING MINUTES
JUNE 3, 2004 – 9:00 A.M.
AERONAUTICS COMMISSION ROOM**

Present: L. E. Tibbits J. Friend J. Polasek
B. J. O'Brien C. Roberts M. VanPortFleet
J. D. Culp R. Safford T. Fudaly
T. Anderson

Absent: J. W. Reincke C. Bleech E. Burns

Guests: M. Chaput

OLD BUSINESS

1. Approval of the Minutes of the May 12, 2004, Meeting – L. E. Tibbits

The minutes of the May 12, 2004, meeting were approved.

NEW BUSINESS

1. Pavement Selection: US-24 Reconstruct, CS 63052, 50291 – D. Weber

The reconstruction alternates considered were an HMA pavement (Alternate 1 – Equivalent Uniform Annual Cost [EUAC] \$52,552/directional mile) and a jointed plain concrete pavement (Alternate 2 – EUAC \$56,414/directional mile).

A life cycle cost analysis was performed and Alternate 1 was approved based on having the lowest EUAC. The pavement design and cost analysis are as follows:

2.25" (57.2mm).....HMA 5E10, Top Course (Mainline, Lanes 1 thru 3)
2.50" (63.5mm).....HMA 4E10 (Mainline, Lanes 1 thru 3)
3.88" (95.6mm).....HMA 3E10 (Mainline, Lanes 1 thru 3)
6" (152.4mm).....Aggregate Base Course (Mainline, Lanes 1 thru 3)
18" (457.2mm).....Sand Subbase (Mainline, Lanes 1 thru 3)
Under Drain System (Mainline, Lanes 1 thru 3)
32.6 (825.9mm).....Total Thickness

Present Value Initial Construction Costs \$521,559/directional mile
Present Value Initial User Costs \$348,050/directional mile
Present Value Maintenance Costs..... \$134,314/directional mile
Equivalent Uniform Annual Cost \$52,552/directional mile

2. Traffic Recommendations Committee Profile and Function – T. Anderson

The Traffic Recommendations Committee (TRC) is responsible for review or development of department procedures and guidelines for traffic and safety, maintenance, design and construction work zone management for highway operations safety, consistency and best practice. The committee includes two subcommittees consisting of the Barrier Advisory Committee and State/Industry Construction Review Team. The committee either approves or makes recommendations for approval to the Engineering Operations Committee.

In August 2000, the Barrier Advisory Committee and State/Industry Construction Review Team were assigned as subcommittees reporting to the TRC. Information pertaining to the TRC, Barrier Advisory Committee and State/Industry Construction Review Team memberships, along with typical issues that are addressed by the committee(s), was discussed.

ACTION: None required.

(Signed Copy on File at C&T)

Brenda O'Brien for Jon W. Reincke, Secretary
Engineering Operations Committee

BJO:kar

cc:	G. J. Jeff	S. Mortel	K. Peters
	K. Steudle	D. Jackson	J. Ingle
	L. Hank	W. Tansil	J. Steele (FHWA)
	EOC Members	D. Wresinski	A. C. Milo (MRBA)
	Region Engineers	R. D. Till	G. Bukoski (MRBA)
	TSC Managers	D. A. Juntunen	R. J. Risser, Jr. (MCPA)
	Assoc. Region Engineers	J. Ruskowski	D. Hollingsworth (MCA)
	T. Kratofil	C. Libiran	J. Becsey (MAPA)
	M. DeLong	R. J. Lippert, Jr.	M. Newman (MAA)
	B. Kohrman	T. L. Nelson	M. Nystrom (AUC)
	J. Shinn	T. Phillips	J. Murner (MRPA)
			R. Brenke (ACEC)